

Iowa Department of Natural Resources
Wastewater Section
Construction Permit Application
SCHEDULE B, Collection system

DATE PREPARED	PROJECT IDENTITY	DNR USE
		PROJECT NO.
DATE REVISED		PERMIT NO.

1. Identify proposed construction which is subject to flooding and explain what is proposed to prevent water from entering the system. If no portion is subject to flooding, state none.

Segment

Flooding Protection

- *2. Indicate hydraulic capacity of: 1) the nearest downstream main or interceptor, 2) the nearest downstream lift station, and 3) all downstream segments where flow restriction may occur. Indicate the source and accuracy of numerical data.

	Segment	Segment	Segment
Location			
Design capacity, MGD			
Peak Hourly Dry weather Flow MGD (actual)			
Peak Hourly Wet Weather Flow MGD (actual)			

- *3. Identify treatment facility, the design loadings and present raw waste loadings. Indicate source and accuracy of numerical data.

Facility name and number _____

Facility Loading	MGD	#BOD ₅ /day
Design		
Average Wet Weather (actual)		
Peak Hourly Wet Weather (actual)		

Provide projected design loading increase, which will be added to this facility as a result of this project.

<u>Design Loading</u>	<u>Initial</u>	<u>Design Year ()</u>
Residential service area	_____ Acres	_____ Acres
Population	_____ Persons	_____ Persons
Flow (100 GPCD)	_____ GPD	_____ GPD
BOD ₅ (0.17 #/d/cap)	_____ #/day	_____ #/day
Industrial service area	_____ Acres	_____ Acres
Rated flow	_____ GPD	_____ GPD
BOD ₅	_____ #/day	_____ #/day
Other _____	_____ Acres	_____ Acres
Rated Flow	_____ GPD	_____ GPD
BOD ₅	_____ #/day	_____ #/day
Total BOD ₅	_____ #/day	_____ #/day
Total Flow	_____ GPD	_____ GPD
Peak Hourly Flow	_____ GPD	_____ GPD

* Include a written explanation of items 2 and 3 if the sewer system and/or treatment facility are overloaded.